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U. S. Department of Agriculture.

COMMERCIAL

FOREST PLANTING

1928



WHITE PINE PLANTATION

Plantations Guaranteed
under Contract

FRANKLIN FORESTRY CO.
BOSTON,
MASSACHUSETTS

THIS COMPANY MAKES A SPECIALTY OF RAISING BOTH FOREST AND ORNAMENTAL NURSERY STOCK FROM SEED AND OF PLANTING THIS STOCK EITHER WITH OR WITHOUT GUARANTEE.

THE GUARANTEE (AS PRINTED ON A FOLLOWING PAGE) HAS BEEN VERY SUCCESSFUL, AND A LARGE PART OF OUR FOREST PLANTING, COMPRISING MANY THOUSANDS OF ACRES, HAS BEEN DONE UNDER IT.



Our nurseries are three in number, all located in Massachusetts, as follows:

Colrain, Mass.

Superintendent—Mr. John P. Galvin
RFD Griswoldville, Mass.

Sudbury, Mass.

Superintendent—Mr. Harold B. Bent
Box 78, Sudbury Centre, Mass.

Plymouth, Mass

Franklin Forestry Company
89 State Street, Boston.

A detailed description of our stock and planting will be found on the following pages.

CONTRACT FOREST PLANTING

With One-Year Guarantee (See opposite page)

This work has been for many years and still is our specialty.

25% Discount

If we write a contract for a period of 3 years, it carries this liberal discount, explained on pages 7 and 8.

Time to Plant

Forest planting may be done at any time when there is no frost in the ground with the exception of the summer months, when the new growth is too tender to bear shipment.

Prices

Detailed prices are given on the center pages, covering the most commonly used sizes—viz., 3 and 4 years old—and various species and areas.

PLANTING OTHER STOCK

No Guarantee

We will plant stock obtained from sources other than our own nurseries if desired, and every year we do a considerable amount of such planting.

Prices

Our regular schedule of prices for this work will be given on application.

ONE-YEAR GUARANTEE

The FRANKLIN FORESTRY COMPANY hereby makes the following guaranty with the party of the second part named in the above contract, to which this guarantee is attached and of which it becomes a part:

If after three months and within one year from the completion of the planting work prescribed by said contract, written notice from said party of the second part or his legal representatives shall be received at the principal business office of said Company, to the effect that less than 75% of the trees planted under said contract are then alive, then said FRANKLIN FORESTRY COMPANY shall, at its own expense, make an examination of such planting or plantings, and if, in its judgment, the condition so reported exists, the Company shall, within a period of 18 months from the completion of the said planting, plant a sufficient number of trees (of the same variety and age as the original planting, if possible) to bring the total number of living trees up to at least 75% of the original setting; this work to be done at no expense whatever to the party of the second part.

It is hereby expressly understood and agreed that this guaranty *shall not* apply in case of loss due to fire; nor in case of loss due to convulsions of nature such as landslips, floods, cyclones, or hail storms; nor in case of loss due to any appearance, development, or increase of insect enemies or fungous diseases, except when such insects or fungi were plainly present on the stock when it was originally planted; nor shall it apply in case of loss or damage caused by third parties, whether man or beast, nor in case of loss or damage due to the acts or omissions of the party of the second part, his agent or agents.

But that it *shall* apply only in case of losses caused by unfavorable and extreme climatic conditions, such as heat, cold, drought, or early or late frosts.

The Company further guarantees that no weak or inferior stock shall be used in any planting, and that the trees at the time of setting shall be free from injurious insects or diseases. All stock set by the Company bears the certificate of the State Nursery Inspector.

FRANKLIN FORESTRY COMPANY

by

ORNAMENTAL PLANTING

Guarantee Optional

We are also prepared to do a certain amount of ornamental planting, both for mass and specialty effects, using our own trees and equipment.

Prices

Conditions vary so greatly that flat prices cannot be made but quotations will be gladly furnished on application.

NURSERY STOCK

We can of course furnish stock to those who wish to do their own planting, whether forest or ornamental and as this stock is of our own raising we feel able to recommend it.

Nurseries

To our well established nurseries in the towns of Colrain and Sudbury, we have added another in Plymouth, as often we are able to save time and expense through ability to ship from a nearby point. The chief advantage however is in being able to ship both earlier and later in the season.

Prices

Prices for various sizes and kinds of stock are given on following pages.

WOODS WORK

Under this head we handle the following kinds of work:

Estimating, Surveying and Mapping

We make timber estimates with the degree of accuracy wanted, depending chiefly on the quality of timber and the time the owner wishes to spend. When desired the area will be surveyed and mapped and the whole combined to form an accurate working plan for the owner's guidance in operating.

Forest Thinning and Brush Cutting Cordwood Cutting

The importance of thinning and firelines as a means of improving and protecting forest growth continues to be more and more recognized. Besides the resulting benefit to the stand a profit can often be realized from the cordwood which in many cases is obtained from the operation.

We are also prepared to trim out the brush in young plantations. This is done either by partial or complete lopping around planted trees that are being interfered with, and the cost in many cases is only a few dollars per acre.

Our charge for all woods work of this sort varies with conditions and will be given on application.

Weevil Removal

The insect known as the White Pine Weevil, while seldom fatal to the tree, sometimes causes injury to young plantations by destroying some of the leading shoots. It is best controlled by cutting and burning the infested tips in late spring or early summer.

Basis of charge similar to preceding paragraph.

CONTRACT PLANTING PRICES 1928

(The prices given on these pages include both stock and planting)

Land will be set with the following-named species at the rate of approximately 1000 plants to the acre, spaced about 6 $\frac{1}{2}$ feet apart each way. Other spacings at increased rates.

No parcel less than five acres in area accepted at these prices.

Trees will be set by the thousand unless it is specifically desired to set by the acre, in which case accurate estimate of area must be furnished; if not furnished, land will be surveyed by us at a nominal charge. If set by the thousand, survey is not necessary.

To owners willing to make contracts covering a period of three years, we will allow a DISCOUNT of 25% from these prices, because of the advantage to us of being able to plan our nursery stock requirements ahead. The total amount of stock planted under such 3-year contracts must be at least 30,000 trees, with a minimum of 10,000 each year; and the question of whether a given year's planting is to be done in spring or fall must be left at our option, with due regard for the owner's preference.

3-year WHITE PINE, SCOTCH PINE, or NORWAY SPRUCE TRANSPLANTS

GUARANTEED FOR ONE YEAR

5 to 25 acres . . .	\$28.00 per thousand
25 to 100 " . . .	27.00 " "
100 acres and upward	26.00 " "
3-year Red Pine transplants . . .	\$5.00 additional.

3-year seedlings of the above species without guarantee, \$20.00, \$19.00, and \$18.00 per thousand

4-year WHITE PINE, SCOTCH PINE, AUSTRIAN PINE or NORWAY SPRUCE TRANSPLANTS

GUARANTEED FOR ONE YEAR

5 to 25 acres . . .	\$38.00 per thousand
25 to 100 " . . .	37.00 " "
100 acres and upward	36.00 " "
4-year Red Pine transplants . . .	\$7.00 additional.

Special plantings made for growing Christmas trees. Ask for particulars.

Older trees of all the above species and many others furnished and planted at varying prices from 10c each up, according to size and quantity, with or without guarantee.

Such trees are useful for ornamental purposes, wind-breaks, screens, etc.

The above prices supersede all previous lists and apply in the New England States only.

Special prices are made for work outside New England.

CONIFEROUS TREES

WHITE PINE (<i>Pinus strobus</i>)	Each	100	1,000
Seedlings	2 to 4 in.	\$ 1.00	\$ 5.00
Seedlings	3 to 8 in.	1.50	7.00
3-year transplants	3 to 6 in.	3.00	12.00
4-year transplants	4 to 8 in.	3.50	16.00
Transplants*	8 to 12 in.	\$.25	
Transplants	12 to 18 in.	.50	
Transplants	18 to 24 in.	.75	
Transplants	2 to 3 ft.	1.00	
Transplants	3 to 4 ft.	1.50	
Transplants	4 to 5 ft.	2.00	
Transplants	5 to 6 ft.	3.00	
Transplants	6 to 7 ft.	4.50	
Transplants	7 to 8 ft.	6.00	
Transplants	8 to 10 ft.	8.00	
RED PINE (<i>Pinus resinosa</i>)			
Seedlings	3 to 6 in.	2.00	8.00
3-year transplants	3 to 6 in.	4.00	20.00
4-year transplants	6 to 10 in.	5.00	30.00
Transplants	12 to 18 in.	.50	
Transplants	18 to 24 in.	.75	
Transplants	2 to 3 ft.	1.00	
Transplants	3 to 4 ft.	1.50	
Transplants	4 to 5 ft.	2.00	
Transplants	5 to 6 ft.	3.00	
Transplants	6 to 7 ft.	5.00	
Transplants	7 to 8 ft.	7.00	
Transplants	8 to 15 ft.	9. to 15.	
SCOTCH PINE (<i>Pinus sylvestris</i>)			
Seedlings	4 to 8 in.	2.00	8.00
3-year transplants	3 to 6 in.	3.00	15.00
4-year transplants	8 to 12 in.	4.00	20.00
Transplants	12 to 18 in.	.50	
Transplants	18 to 24 in.	.75	
Transplants	2 to 3 ft.	1.00	
Transplants	3 to 4 ft.	1.50	
Transplants	4 to 5 ft.	2.00	
Transplants	5 to 6 ft.	3.00	
Transplants	6 to 7 ft.	5.00	
Transplants	10 to 18 ft.	18. to 20.	
AUSTRIAN PINE (<i>Pinus austriaca</i>)			
Seedlings	2 to 4 in.	2.50	12.00
Seedlings	6 to 8 in.	3.00	15.00
4-year transplants	4 to 10 in.	5.00	30.00
Transplants	8 to 12 in.	.25	
Transplants	12 to 18 in.	.75	
Transplants	18 to 24 in.	1.50	
Transplants	3 to 4 ft.	3.50	
Transplants	4 to 5 ft.	5.00	
Transplants	5 to 6 ft.	7.00	
Transplants	6 to 7 ft.	9.00	
Transplants	8 ft.	12.00	
PITCH PINE (<i>Pinus rigida</i>)			
Transplants	3 to 4 ft.	1.50	
Transplants	4 to 5 ft.	2.00	
Transplants	6 to 8 ft.	4.50	
JACK PINE (<i>Pinus banksiana</i>)			
Transplants	18 to 24 in.	.75	
Transplants	2 to 3 ft.	1.00	
Transplants	3 to 4 ft.	1.50	
Transplants	6 to 8 ft.	4.50	
Transplants	8 to 10 ft.	8.00	
Transplants	12 to 16 ft.	10. to 18.	

BULL PINE (<i>Pinus ponderosa</i>)	Each	100	1,000
Transplants	1½ to 3 ft.	2. to 3.	
MUGHO PINE (<i>Pinus mughus</i>)			
Transplants	6 to 8 in. spread	\$.50	
Transplants	8 to 12 in. spread	1.00	
Transplants	12 to 18 in. spread	2.00	
LIMBER PINE (<i>Pinus flexilis</i>)			
4-year seedlings	4 to 8 in.		\$4.50 \$25.00
5-year transplants	4 to 8 in.	.10	
Transplants	8 to 12 in.	.25	
JAPANESE RED PINE (<i>Pinus densiflora</i>)			
2-year seedlings	2 to 4 in.		4.00
Transplants	18 to 24 in.	1.00	
JAPANESE BLACK PINE (<i>Pinus thunbergii</i>)			
2-year seedlings	2 to 4 in.		4.00
Transplants	18 to 24 in.	.75	
NORWAY SPRUCE (<i>Picea excelsa</i>)			
Seedlings	2 to 4 in.	1.00	5.00
Seedlings	3 to 7 in.	1.50	7.00
3-year transplants	3 to 6 in.	3.00	15.00
4-year transplants	4 to 8 in.	4.00	20.00
Transplants	8 to 12 in.	.25	
Transplants	12 to 18 in.	.50	
Transplants	18 to 24 in.	.75	
Transplants	2 to 3 ft.	1.00	
Transplants	3 to 4 ft.	1.50	
Transplants	4 to 5 ft.	4.50	
Transplants	5 to 6 ft.	6.00	
Transplants	8 to 12 ft.	9. to 14.	
SITKA SPRUCE (<i>Picea sitchensis</i>)			
5-year seedlings	3 to 8 in.	4.50	25.00
5-year transplants	4 to 6 in.	9.00	50.00
BLUE SPRUCE (<i>Picea pungens</i>)			
3-year seedlings	3 in.	4.50	25.00
4-year transplants	4 to 8 in.	8.00	40.00
Transplants	12 to 18 in.	4.00	
Transplants	18 to 24 in.	6.00	
Transplants	2 to 5 ft. 8. to 15. (blue)		
Transplants	6 to 12 ft. 8. to 15. (blue green)		
WHITE SPRUCE (<i>Picea alba</i>)			
4-year seedlings	3 to 6 in.	3.00	15.00
3-year transplants	2 to 4 in.	4.00	20.00
4-year transplants	4 to 6 in.	5.00	30.00
BALSAM FIR (<i>Abies balsamea</i>)			
Seedlings	3 to 5 in.	3.00	15.00
Seedlings	4 to 6 in.	4.00	20.00
3-year transplants	3 to 6 in.	5.00	30.00
4-year transplants	4 to 8 in.	8.00	40.00
Transplants	6 to 10 in.	.25	
Transplants	10 to 16 in.	.50	
Transplants (bushy)	18 in.	1.00	
Transplants (bushy)	2 ft.	3.00	
Transplants (bushy)	3 to 4 ft.	5.00	
Transplants	5 to 6 ft.	5.00	

DOUGLAS FIR (Pseudotsuga taxifolia)

		Each	100	1,000
4-year seedlings	4 to 6 in.		\$3.00	\$15.00
4-year transplants	3 to 6 in.		8.00	40.00
Transplants	8 to 12 in.	\$.25		
Transplants	8 to 12 in.	.50		

SILVER FIR (Abies concolor)

3-year transplants	3 to 6 in.	.10
Transplants	6 to 10 in.	.25
Transplants	12 to 18 in.	3.00
Transplants	18 to 24 in.	5.00
Transplants	3 to 5 ft.	7.00

HEMLOCK (Tsuga canadensis)

Transplants	3 to 6 in.	.10
Transplants	4 to 8 in.	.15
Transplants	8 to 12 in.	.50
Transplants	18 in.	1.00
Transplants	18 to 24 in.	3.00
	(24" spread)	
Transplants	2 to 3 ft. (bushy)	4.00
Transplants	3 to 4 ft. (bushy)	6.00
Transplants	4 to 5 ft. (bushy)	9.00
Transplants	5 to 6 ft. (bushy)	12.00

ARBORVITAE (Thuya occidentalis)

Transplants	3 to 6 in.	5.00	30.00
Transplants	4 to 8 in.	8.00	40.00
Transplants	8 to 12 in.	.25	
Transplants	12 to 18 in.	.50	
Transplants	18 to 24 in.	.75	
Transplants (bushy)	2 to 3 ft.	1.50	
Transplants	3 to 4 ft.	2.00	
Transplants (bushy)	3 to 4 ft.	4.00	

EUROPEAN LARCH (Larix europea)

Seedlings	4 to 8 in.	1.00	5.00
Seedlings	5 to 10 in.	1.50	7.00
3-year transplants	3 to 8 in.	5.00	30.00
Transplants	2 to 3 ft.	1.00	
Transplants (bushy)	3 to 4 ft.	2.00	
Transplants	5 to 6 ft.	3.00	

JAPANESE LARCH (Larix leptolepsis)

Transplants	3 to 4 ft.	1.00
Transplants	4 to 5 ft.	1.50
Transplants	6 to 7 ft.	3.00
Transplants	8 to 10 ft.	4.00

BROADLEAF TREES**WHITE ASH (Fraxinus americana)**

Transplants	18 to 36 in.	.10
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AMERICAN ELM (Ulmus americana)

Transplants	6 to 36 in.	.10
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EVERGREEN SHRUBS**RHODODENDRON MAXIMUM (White)**

Transplants	2 to 3 ft.	3.00
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RHODODENDRON CATAWBIENSE (Pink)	Each
Transplants 18 to 24 in.	\$3.00

MOUNTAIN LAUREL (Kalmia latifolia)	
Transplants 18 to 24 in.	2. to 4.

RETINOSPORA (Chamaecyparis)	
Ch. pisifera 18 to 24 in.	2.00
Ch. aurea 18 to 24 in.	2.00
Ch. filifera 18 to 24 in.	2.00
Ch. plumosa 12 to 15 in.	1.50

ARBORVITAE (Thuya)	
T. wagneri 2 ft.	2.00
T. wagneri average 12 to 15 in.	1.25
T. hoveyi 10 to 12 in.	1.50
T. hoveyi 12 to 18 in.	1.75
T. pyramidalis 18 to 24 in.	2.00

DECIDUOUS SHRUBS

VANHOUTTE SPIREA (Spirea vanhouttei)	
2 to 3 ft.	.50

SNOWBERRY (Symphoricarpos racemosus)	
18 to 24 in.	.40

* Usually several times transplanted.

Lower prices on lots from 10,000 to 100,000 and up.

We have larger sizes and various species other than those listed which we will gladly quote on application.

Note conditions on inside back cover.

In the case of all sizes larger than two feet we reserve the right to decline any order for a quantity too small to make shipment profitable.

It is advisable with sizes three feet and up to take the roots up with a ball of earth and tie with burlap. For this a charge of 15c per tree will be made. This is called B & B.

SPECIAL LOTS OF STOCK FOR SALE SPRING 1928

WHITE PINE (Pinus strobus)	Each	100	1,000
125,000 Seedlings 8 to 14 in.		\$ 7.00	
150,000 Transplants 6 to 8 in.		12.00	
		(plus packing)	
15,000 5-yr. tr'spl'ts 10 to 24 in.		14.00	
		(plus packing)	
25,000 5-yr. tr'spl'ts 18 to 24 in.		15.00	
		(plus packing)	
1,000 Transplants 3 to 4 ft.		\$100.00	
500 Transplants 4 to 5 ft.		150.00	
500 Transplants 5 to 6 ft.		200.00	
50 Transplants 10 to 12 ft.	\$10.00		B&B
			(extra)

RED PINE (Pinus resinosa)

200,000 Seedlings 4 to 8 in.		<i>Low prices large lots</i>
10,000 Transplants 8 to 12 in.		40.00
3,000 Transplants 14 to 20 in.		200.00
50 Transplants 4 to 5 ft.	2.00	B&B
50 Transplants 5 to 6 ft.	3.00	B&B
700 Transplants 7 to 9 ft.	4.50	B&B
		<i>(not bushy)</i>

RED PINE (Cont.)		Each	100	1,000
50 Transplants	8 to 10 ft. (<i>bushy</i>)	\$ 7.00		B&B
25 Transplants	12 to 15 ft. (<i>bushy</i>)	15.00		B&B
10 Transplants	18 ft. (<i>bushy</i>)	20.00		B&B
SCOTCH PINE (Pinus sylvestris)				
80,000 Seedlings	8 to 12 in.		\$ 9.00	
25,000 Transplants	12 to 18 in.		12.00	
40,000 5-yr. Tr'spl'ts	10 to 24 in.		(<i>plus packing</i>)	15.00
500 Transplants	2 to 3 ft.		\$ 95.00	
500 Transplants	3 to 4 ft.		143.00	
500 Transplants	4 to 5 ft.		190.00	
AUSTRIAN PINE (Pinus austriaca)				
25,000 5-yr. Tr'spl'ts	6 to 14 in.		40.00	
50 Transplants	3 to 4 ft. (<i>bushy</i>)	3.50		B&B
25 Transplants	4 to 5 ft. (<i>bushy</i>)	4.50		B&B
MUGHO PINE (Pinus mughus)				
4,000 Transplants	5 to 10 in.		150.00	
1,000 5-yr. Tr'spl'ts	6 to 12 in.		(<i>plus packing</i>)	200.00
2,000 Transplants	12 in. spread	.50	(<i>plus packing</i>)	
JACK PINE (Pinus banksiana)				
400 Transplants	18 to 24 in.		25.00	
400 Transplants	2 to 3 ft.		50.00	
100 Transplants	6 to 8 ft.	2.50		B&B
100 Transplants	8 to 10 ft.	4.00		B&B
JAPANESE RED PINE (Pinus densiflora)				
100 Transplants	12 to 24 in.		47.50	
JAPANESE BLACK PINE (Pinus thunbergii)				
1,500 Transplants	12 to 24 in. (<i>Cape Cod Planting</i>)		200.00	
			(<i>plus packing</i>)	
NORWAY SPRUCE (Picea excelsa)				
160,000 Seedlings	3 to 7 in.		\$ 7.00	
2,000 Transplants	12 to 18 in.		200.00	
2,000 Transplants	18 to 24 in.		500.00	
500 Transplants	24 to 36 in.		\$75.00	
50 Transplants	5 to 6 ft. (<i>bushy</i>)	\$4.50		B&B
RED SPRUCE (Picea rubra)				
100 Collected stock	5 to 6 ft. (<i>bushy</i>)	4.00		B&B
BALSAM FIR (Abies balsamea)				
20 Transplants	3 to 4 ft. (<i>cut back</i>)	4.50		B&B
10 Transplants	5 to 6 ft. (<i>extra</i>)	5.00		B&B

HEMLOCK (<i>Tsuga canadensis</i>)		Each	
30 Transplants (<i>bushy</i>)	2 ft.	\$4.00	B&B
10 Transplants	4 to 5 ft.	6.00	B&B
10 Transplants	5 to 6 ft.	8.00	B&B
10 Transplants (<i>extra</i>)	8 ft.	10.00	B&B
500 Collected stock	2 to 3 ft.	1.00	B&B
500 Collected stock	3 to 4 ft.	1.25	B&B
500 Collected stock	4 to 5 ft.	1.50	B&B

ARBORVITAE (<i>Thuya occidentalis</i>)			
40 Transplants	3 to 4 ft.	4.00	B&B

EUROPEAN LARCH (<i>Larix europea</i>)			
200 Transplants	3 to 4 ft.	2.00	B&B

JAPANESE LARCH (<i>Larix leptolepsis</i>)			
100 Transplants	3 to 4 ft.	1.00	B&B
100 Transplants	4 to 5 ft.	1.50	B&B
200 Transplants	6 to 8 ft.	2.50	B&B

MOUNTAIN LAUREL (<i>Kalmia latifolia</i>)			
500 Collected stk.	18 to 24 in.	.50	B&B

B&B not included unless noted, except included in carload lots.

Prices on nursery stock given on the preceding pages are net, F. O. B. cars, nurseries, and are subject to no discounts, whatsoever. Packing is included in the case of 2, 3 and 4-year old stock; added at cost in other cases.

All stock is listed subject to previous sale.

While we do not guarantee our stock when not planted by us, we use every effort to satisfy and please our customers, and if notified within 5 days of any unsatisfactory shipment received from our nurseries we will either make it right or take the stock back.

NURSERIES:

COLRAIN — SUDBURY — PLYMOUTH
MASSACHUSETTS



BOSTON OFFICE — 89 STATE STREET

Telephone — Hubbard 5169

RUSSELL S. LANGDELL *President*

WALTER L. DANE *Vice-President*

HARRY F. GOULD *Treasurer*